



PATENT
Attorney Docket No. 400966

#1/Amend C
Q70cd
3/31/03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

FURUMOTO et al.

Application No. 09/729,088

Art Unit: 2825

Filed: December 5, 2000

Examiner: A. Thompson

For: METHOD OF DESIGNING A
SEMICONDUCTOR CIRCUIT WITH
REDUCED CLOCK LINE SKEW

RECEIVED
MAR 24 2003
TECHNOLOGY CENTER 2800

RESPONSE TO OFFICE ACTION

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

In response to the Office Action dated January 2, 2003, please enter the following amendments and consider the following remarks.

AMENDMENTS

IN THE DRAWINGS:

The Examiner is requested to approve the changes to Figures 5, 8, and 9 as indicated in the attached Request for Approval of Drawing Amendments.

IN THE CLAIMS:

Replace the indicated claims with:

- C1
1. (Thrice Amended) A method of designing a semiconductor circuit having clock trees, the method comprising:
 - generating a netlist;
 - inserting a plurality of delay gates into said netlist;
 - placing said netlist to produce a circuit placement;
 - generating clock trees for said circuit placement that satisfy a timing constraint;
 - routing said netlist after generation of said clock trees;
 - manually adjusting skew between said clock trees after routing by deleting delay gates from the delay gates inserted based, on the timing constraint between said clock trees;
 - examining the skew between clock trees;



RECEIVED

MAR 24 2003

TECHNOLOGY CENTER 2800

In re Application of: FURUMOTO et al.
 Application No. 09/729,088
 Filed: December 5, 2000
 For: METHOD OF DESIGNING A SEMICONDUCTOR CIRCUIT WITH REDUCED CLOCK LINE SKEW

COMMISSIONER FOR PATENTS
 Washington, D.C. 20231

Sir:

Transmitted herewith is a response to an office action in the subject application.

- ☐ Applicants claim small entity status of this application under 37 CFR 1.27.
- ☒ Petition for Extension of Time
- ☐ Applicants petition for a one-month extension of time under 37 CFR 1.136, the fee for which is \$110.00 (enclosed).
- ☒ Applicants believe that no petition for an extension of time is necessary. However, to the extent that such petition is deemed necessary, Applicants hereby petition for a sufficient extension of time to render the present submission timely. Please charge Deposit Account No. 12-1216 for the appropriate petition fee.
- ☒ No additional claim fee is required.
- ☐ Other:

The claim fee has been calculated as shown below:

					SMALL ENTITY		OTHER THAN A SMALL ENTITY	
	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	EXTRA CLAIMS PRESENT	RATE	ADDIT. CLAIM FEE	RATE	ADDIT. CLAIM FEE
TOTAL		MINUS		=	x 9=	\$	x 18=	\$
INDEPENDENT		MINUS		=	x 42=	\$	x 84=	\$
<input type="checkbox"/>	FIRST PRESENTATION OF MULTIPLE CLAIM				+ 140=	\$	+ 280=	\$
					TOTAL	\$	TOTAL	\$

- ☐ Please charge my Deposit Account No. 12-1216 in the amount of \$. A duplicate copy of this sheet is attached.
- ☐ A check in the amount of \$ is attached.
- ☒ The Commissioner is hereby authorized to charge any deficiencies in the following fees associated with this communication or credit any overpayment to Deposit Account No. 12-1216. A duplicate copy of this sheet is attached.
- ☒ Any filing fees under 37 CFR 1.16 for the presentation of extra claims.
- ☒ Any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,

Jeffrey A. Wyand, Reg. No. 29,458
 LEYDIG, VOIT & MAYER
 700 Thirteenth Street, N.W., Suite 300
 Washington, DC 20005-3960
 (202) 737-6770 (telephone)
 (202) 737-6776 (facsimile)

Date:

March 24, 2003

JAW/tpb

Amendment or ROA Transmittal (Revised 12/31/02)